(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau [WIPO]

[Bar Code]

29 SEP 2004

(43) International Publication Date

October 16, 2003 (10/16/2003)

PCT '

(10) International Publication Number WO 03/085833 A2

(51) International Patent Classification⁷: H03K 17/945

(21) International Application No.: PCT/EP03/03494

(22) International Filing Date:

April 03, 2003 (04/03/2003)

(25) Language in which the international application was originally filed:

German

(26) Language in which the international application is published:

German

(30) Priority Data: 102 16 225.5

April 8, 2002 (04/08/2002) DE

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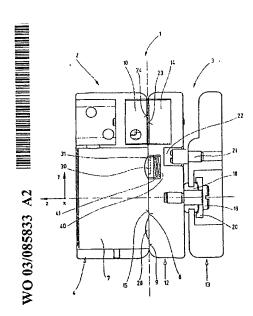
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- (81) Designated States (national): JP, US.
- (84) Designated States (regional): European Patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

Published:

 Without International Search Report. Publication will be repeated upon receipt of that report.

[continued on next page]

(54) Title: ELECTROMAGNETIC LOCKING SYSTEM FOR A SAFETY SWITCH



(57) Abstract: The invention is related to a locking system (1) for a safety switch, comprising a read head (2) and an actuator (3), each of which is provided with a first or second componentry (10, 14) encompassing electrical and/or electronic components that interact with each other in an electrically contactless manner, thereby controlling the safety switch. The inventive locking system is characterized by the fact that the actuator (3) can be locked to the read head (2) by means of a switchable electromagnet (7) which interacts with a counterelement (12) and that the locking action is controlled by means of a sensor element (31, 32, 33, 34), the output signal of which depends on the magnetic field generated by the electromagnet (7).